

We claim:

1. A method of expanding a tubular downhole, comprising:
providing an expansion tool comprising a pair of seals spaced from each other on a body;
positioning said tubular and said expansion tool in the wellbore;
pressurizing the tubular between said seals; and
expanding the tubular.
2. The method of claim 1, comprising:
repositioning said expansion tool in the tubular after said positioning the tubular in the wellbore.
3. The method of claim 1, comprising:
expanding the length of said tubular in a sequence of alternating pressurizing and repositioning the expansion tool with respect to the tubular.
4. The method of claim 1, comprising:
providing a swage on said body;
completing at least a part of said expansion with said swage.
5. The method of claim 1, comprising:
providing a flow path through said body;
selectively blocking said flow path to allow said pressurizing.
6. The method of claim 5, comprising:
reopening said flow path;
avoiding pulling a wet string when removing said expansion tool from the wellbore due to said reopening.
7. The method of claim 1, comprising:
providing a pre-measured volume of fluid between said seals to obtain a predetermined volume of expansion of said tubular.
8. The method of claim 1, comprising:
venting the annular space between said body and said seals prior to said pressurizing.

9. The method of claim 1, comprising:
evacuating the annular space between said body and said seals prior to said pressurizing.
10. The method of claim 1, comprising:
providing a gripping feature on the exterior of the tubular to enhance grip after expansion.
11. The method of claim 1, comprising:
providing a retraction capability on at least one of said seals.
12. The method of claim 11, comprising:
repositioning said body with respect to said tubular with said seal retracted.
13. The method of claim 11, comprising:
providing opposed cup seals as said seals;
flexing at least one of said cups inwardly toward said body; and
repositioning said body with respect to said tubular.
14. The method of claim 13, comprising:
backing a at least one cup seal with a thimble;
moving said thimble with respect to its adjacent cup seal to flex said cup seal inwardly toward said body.
15. The method of claim 6, comprising:
dropping an object on a seat to selectively block said flow path.
16. The method of claim 6, comprising:
providing a check valve in said passage;
allowing fluid to enter said flow path as said body is lowered into the well; and
forcing said check valve out of said flow path to avoid pulling a wet string when removing said body from the wellbore.
17. The method of claim 5, comprising:
providing a gripping feature on the exterior of the tubular to enhance grip after expansion.
18. The method of claim 1, comprising:
providing opposed cup seals as said seals.

19. The method of claim 18, comprising:
flexing at least one of said cups inwardly toward said body; and
repositioning said body with respect to said tubular.
20. The method of claim 19, comprising:
backing a at least one cup seal with a thimble;
moving said thimble with respect to its adjacent cup seal to flex said cup seal
inwardly toward said body.
21. The method of claim 1, comprising:
anchoring the tubular in the wellbore in at least one location with said expansion
tool.
22. The method of claim 21, comprising:
expanding another portion of the tubular with a swage.
23. The method of claim 21, comprising:
using more than one expansion tool;
anchoring said tubular in at least two locations with said expansion tools
24. The method of claim 23, comprising:
anchoring the tubular near its opposed ends.